

# Thomas Pettersen

Queens, New York | 917-992-3152 | [ThomasPettersen20@gmail.com](mailto:ThomasPettersen20@gmail.com) | [Portfolio](#) | [GitHub](#) | [LeetCode](#)

**Software Engineer** adept at problem solving, API, and framework development. Possess a strong ability to communicate technical concepts through experience as a coding instructor. Experienced in cross-industry collaboration, leading complex projects with cross-functional teams. Skilled in product lifecycle management through founding, scaling, and operating a product sales business, coordinating sales, operations and project management.

## TECHNICAL SKILLS

**Languages:** JavaScript, Python, HTML, CSS, SQL | **Frameworks + Libraries:** React, Express.js, Django, Bootstrap

**Databases:** MongoDB, PostgreSQL | **Other:** Node.js, Git, Postman, Jest, Vitest Automated Testing

## EXPERIENCE

**Coding Instructor** | The Coder School | Bayside, NY | Oct 2023 - Current

- Develop customized curriculum for computer science students and lead classes in both group and 1:1 settings.
- Provide progress reporting for student development using status markers and milestone tracking.
- Innovate curriculum to drive student growth and adoption of new concepts across projects in Python and Scratch, a visual programming language.

**Software Engineer Fellow** | General Assembly | Remote | Feb 2023 - May 2023

- Learned and applied new languages, frameworks, and computer science topics in a fast-paced program.
- Frequently worked in groups to develop teamwork and debugging skills.

### Projects:

**Full Stack Developer** | SearchCast ([GitHub](#), [Deployed - Netlify](#))

Created a full stack app for users to track keyword podcast searches using the Spotify Web API.

- Designed a mobile-responsive frontend and intuitive user interface with React, Bootstrap, and Auth0.
- Built a backend API with Node.js and Express.js to access users' searches stored on MongoDB.
- Iteratively developed by fulfilling planned user stories, meeting 1-week deadline and requirements.

**Backend Lead + Git Manager** | StubSaver ([GitHub](#), [Deployed - Heroku](#))

Collaborated with a developer in Europe to create a full-stack CRUD application.

- Used Django and Python to build functionality for users to save live events they've attended.
- Integrated a PostgreSQL database to store 6 related models with various data types.

**Frontend Developer** | Chorderly ([GitHub](#), [Deployed - GitHub Pages](#))

Developed a game to help users learn musical chords by ear using HTML, CSS, and vanilla JavaScript.

- Designed the game to include sound, asynchronous timing, score tracking, and multiple game modes.

**President** | Thompson Contract | New York | Feb 2014 - Feb 2023

Ascended through 4 roles in 5 years to own the company, which imports and sells European furniture.

- Directed sales generation of over \$1M of revenue during 4 years as President, utilizing strong communication skills to present products, triage client requests, and coordinate order fulfillment.
- Orchestrated overseas shipping of over 500 orders, leveraging time management and organizational skills.
- Developed pricing models to ensure profitable and competitive proposals for each project.

## EDUCATION

**Software Engineer Immersive (420 hours)** | General Assembly | May 2023

**B.S. | Business Management** | St. John's University | New York, Summa Cum Laude (GPA: 4.0)